

CERM-M

Regulation
No. 10-1-23

5 July 2004

Organization and Functions
U.S. Army Corps of Engineers Institute for Water Resources

1. Purpose. This regulation defines the mission of the organization of the U.S. Army Corps of Engineers (USACE) Institute for Water Resources (IWR).
2. Applicability. This regulation is applicable to IWR.
3. Distribution Statement. Approved for public release; distribution is unlimited.
4. Establishment. IWR is a USACE Field Operating Activity (FOA). It was originally established as the USACE Water Resources Support Center (WRSC) by Office of the Chief of Engineers Permanent Order 13-1, 15 June 1979. WRSC was re-designated as USACE Institute for Water Resources by Permanent Order 31-3, 7 July 2000.
5. Mission. IWR is a FOA under the command of the Commanding General, USACE, and the staff supervision of the Director of Civil Works. The mission of IWR is to support the Directorate of Civil Works and USACE field offices as a national center of expertise providing: (a) analysis of emerging trends and issues in anticipation of changing water resources conditions; (b) the systematic evaluation of economic, social, institutional, and environmental needs through the development, transfer and application of state-of-the-art planning & hydrologic engineering methods, models and training; (c) national data management and results-oriented program information, including production of U.S. waterborne commerce statistics.
7. Organization. The approved IWR organization is shown in Appendix A. Changes in structure or titles from those shown on the chart require advance approval of HQUSACE, in accordance with procedures set forth in ER 10-1-2.
8. Functions.
 - a. Critical thinking and engagement of CW leadership on emerging trends and implications to USACE through planning and policy analysis, national or special studies, and via publication of IWR reports, white papers, and external articles;

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b. Research, development, application and technology transfer of improved analytical techniques, methods and models for hydrologic and hydraulic engineering, water management, multi-objective plan formulation, environmental and economic evaluation, investment decision-making, and risk analysis;

c. Development and management of CW information systems for program performance measurement and project-level analysis, including: national waterborne commerce statistics; navigation system, lock and dredging performance; regulatory program data; flood damage statistics; and other related programs;

d. Multi-objective plan formulation, evaluation and economic analysis of river basin, coastal and navigation systems and projects, including advancement of techniques for integrated water resources planning and management;

e. Technical support of relevant Civil Works-related communities of practice;

f. Water resources training, workshops, seminars, and conferences;

g. Technical assistance to District offices; USACE planning expertise centers; regional integration teams; and homeland security/emergency response teams;

h. National interface with academia, research, and professional organizations, and management of technical activities supporting the USACE Inland Waterways Users Board, Environmental Advisory Board, International Navigation Association, and National Research Council's Transportation Research Board;

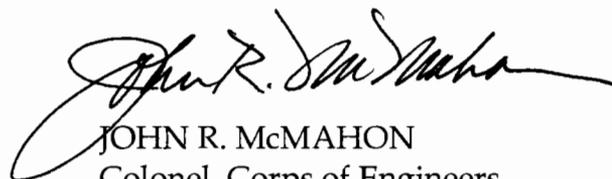
i. Strategic communications and analysis supporting CW program development;

j. Advancement of public involvement and consensus building and techniques;

k. Technical/ program management of CW international water resources activities.

FOR THE COMMANDER:

1 Appendix
APP A - Organization Chart



JOHN R. McMAHON
Colonel, Corps of Engineers
Chief of Staff



U.S. Army
Corps of Engineers

Appendix A Organization Chart

Institute for Water Resources

